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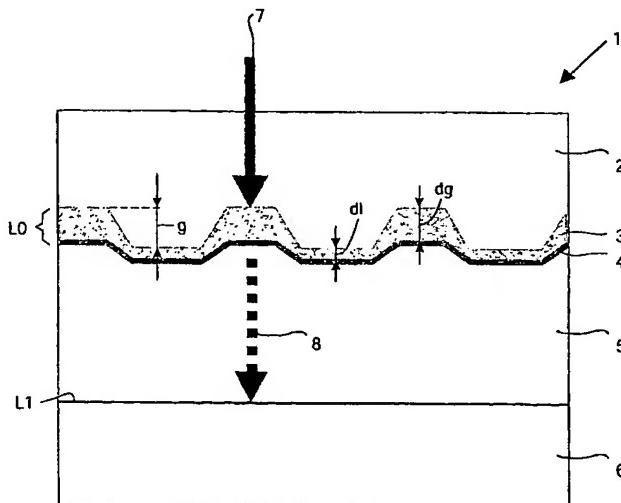
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(54) Title: RECORDABLE OPTICAL RECORD CARRIER



(57) Abstract: The present invention relates to a recordable optical record carrier for recording information using a radiation beam having wavelength  $\lambda$  and incident on an entrance surface of the optical record carrier comprising, in this order: a protective layer facing the entrance surface; first recording stack (L0), said recording stack comprising a recording layer of an organic dye material and a groove structure; a transparent spacer layer sandwiched between the neighboring recording stacks; and a second recording stack (L1) comprising a recording layer, wherein the groove depth of the recording layer of the first recording stack (L0) is in a range from  $0.241 * \lambda / n_s$  to  $0.362 * \lambda / n_s$ , where  $n_s$  is a refractive index of a material in a land between grooves on the groove structure. An increase in both reflection and transmission of at least the first recording stack (L0) can be obtained according to the present invention by decreasing the groove depth of the recording layer of at least the first recording stack (L0). A further improvement can be obtained by increasing the recording layer leveling.

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